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PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. 1740-000037/US

First Inventor Jin Yong KIM and Sang Woon SUH

Title RECORDING MEDIUM WITH A LINKING AREA INCLUDING ERROR CORRECTION CODE DATA THEREON AND APPARATUS AND METHODS FOR FORMING, RECORDING, AND REPRODUCING THE RECORDING MEDIUM

Express Mail Label No.

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 33]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 22]
5. Oath or Declaration [Total Pages]
 - a. ☐ Newly executed (original or copy)
 - b. ☐ Copy from a prior application (37 CFR 1.63 (d))
(for a continuation/divisional with Box 18 completed)
 - i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO:

Commissioner for Patents
Box Patent Application
P.O. Box 1450
Alexandria, VA 22313-1450

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. ☐ Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ paper
 - c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATIONS PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 C.F.R. §3.73(b) Statement ☐ Power of Attorney
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☒ Other: Information Sheet

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No: ____ / ____

Prior application information: Examiner ____

Group / Art Unit: ____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS

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30593

or ☐ Correspondence address below

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(Insert Customer No. or Attach bar code label here)

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Name (Print/Type)

John A. Castella

Registration No. (Attorney/Agent)

35,094

Signature

Date

January 9, 2004

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

010904

10281 U.S. PTO

<h2 style="margin: 0;">FEE TRANSMITTAL</h2> <h3 style="margin: 0;">for FY 2003</h3> <p style="margin: 5px 0 0 20px;"><i>Patent fees are subject to annual revision.</i></p>		<p>Complete if Known</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td>NEW</td> </tr> <tr> <td>Filing Date</td> <td>January 9, 2004</td> </tr> <tr> <td>Inventor(s)</td> <td>Jin Yong KIM and Sang Woon SUH</td> </tr> <tr> <td>Examiner Name</td> <td>Unknown</td> </tr> <tr> <td>Group / Art Unit</td> <td>Unknown</td> </tr> <tr> <td>Attorney Docket No.</td> <td>1740-000037/US</td> </tr> </table>		Application Number	NEW	Filing Date	January 9, 2004	Inventor(s)	Jin Yong KIM and Sang Woon SUH	Examiner Name	Unknown	Group / Art Unit	Unknown	Attorney Docket No.	1740-000037/US
Application Number	NEW														
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Group / Art Unit	Unknown														
Attorney Docket No.	1740-000037/US														
TOTAL AMOUNT OF PAYMENT	(\$)	1,262.00													

<p>METHOD OF PAYMENT (check one)</p> <p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:</p> <p>Deposit Account Number: 08-0750</p> <p>Deposit Account Name: Harness, Dickey & Pierce, P.L.C.</p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17</p> <p><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p> <p>2. <input checked="" type="checkbox"/> Payment Enclosed:</p> <p style="margin-left: 20px;"> <input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other </p>	<p>FEE CALCULATION (continued)</p> <p>3. ADDITIONAL FEES</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Fee Code</th> <th>Large Entity Fee (\$)</th> <th>Small Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>1051</td><td>130</td><td>2051</td><td>65</td><td></td></tr> <tr><td>1052</td><td>50</td><td>2052</td><td>25</td><td></td></tr> <tr><td>1053</td><td>1053</td><td>1053</td><td>130</td><td></td></tr> <tr><td>1812</td><td>2,520</td><td>1812</td><td>2,520</td><td></td></tr> <tr><td>1804</td><td>920*</td><td>1804</td><td>920*</td><td></td></tr> <tr><td>1805</td><td>1,840*</td><td>1805</td><td>1,840*</td><td></td></tr> <tr><td>1251</td><td>110</td><td>2251</td><td>55</td><td></td></tr> <tr><td>1252</td><td>420</td><td>2252</td><td>210</td><td></td></tr> <tr><td>1253</td><td>950</td><td>2253</td><td>475</td><td></td></tr> <tr><td>1254</td><td>1,480</td><td>2254</td><td>740</td><td></td></tr> <tr><td>1255</td><td>2,010</td><td>2255</td><td>1,005</td><td></td></tr> <tr><td>1401</td><td>330</td><td>2401</td><td>165</td><td></td></tr> <tr><td>1402</td><td>330</td><td>2402</td><td>165</td><td></td></tr> <tr><td>1403</td><td>290</td><td>2403</td><td>145</td><td></td></tr> <tr><td>1451</td><td>1,510</td><td>1451</td><td>1,510</td><td></td></tr> <tr><td>1452</td><td>110</td><td>2452</td><td>55</td><td></td></tr> <tr><td>1453</td><td>1,330</td><td>2453</td><td>665</td><td></td></tr> <tr><td>1501</td><td>1,330</td><td>2501</td><td>665</td><td></td></tr> <tr><td>1502</td><td>480</td><td>2502</td><td>240</td><td></td></tr> <tr><td>1503</td><td>640</td><td>2503</td><td>320</td><td></td></tr> <tr><td>1460</td><td>130</td><td>1460</td><td>130</td><td></td></tr> <tr><td>1807</td><td>50</td><td>1807</td><td>50</td><td></td></tr> <tr><td>1806</td><td>180</td><td>1806</td><td>180</td><td></td></tr> <tr><td>8021</td><td>40</td><td>8021</td><td>40</td><td></td></tr> <tr><td>1809</td><td>770</td><td>2809</td><td>385</td><td></td></tr> <tr><td>1810</td><td>770</td><td>2810</td><td>385</td><td></td></tr> <tr><td>1801</td><td>770</td><td>2801</td><td>385</td><td></td></tr> <tr><td>1802</td><td>900</td><td>1802</td><td>900</td><td></td></tr> </tbody> </table> <p>Other fee (specify) _____</p> <p>*Reduced by Basic Filing Fee Paid</p> <p style="text-align: right;">SUBTOTAL (3) (\$)</p>	Fee Code	Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid	1051	130	2051	65		1052	50	2052	25		1053	1053	1053	130		1812	2,520	1812	2,520		1804	920*	1804	920*		1805	1,840*	1805	1,840*		1251	110	2251	55		1252	420	2252	210		1253	950	2253	475		1254	1,480	2254	740		1255	2,010	2255	1,005		1401	330	2401	165		1402	330	2402	165		1403	290	2403	145		1451	1,510	1451	1,510		1452	110	2452	55		1453	1,330	2453	665		1501	1,330	2501	665		1502	480	2502	240		1503	640	2503	320		1460	130	1460	130		1807	50	1807	50		1806	180	1806	180		8021	40	8021	40		1809	770	2809	385		1810	770	2810	385		1801	770	2801	385		1802	900	1802	900	
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FEE CALCULATION																
1. BASIC FILING FEE																
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description												
1001	770	2001	385	Utility filing fee												
1002	340	2002	170	Design filing fee												
1003	530	2003	265	Plant filing fee												
1004	770	2004	385	Reissue filing fee												
1005	160	2005	80	Provisional filing fee												
SUBTOTAL (1)				(\$ 770.00)												
2. EXTRA CLAIM FEES																
Total Claims	33	20	=	13												
Independent Claims	6	-3**	=	3												
Multiple Dependent			=													
<table style="width: 100%;"> <tr> <td>Extra Claims</td> <td>Fee from below</td> <td>Fee Paid</td> </tr> <tr> <td>13</td> <td>18</td> <td>234</td> </tr> <tr> <td>3</td> <td>86</td> <td>258</td> </tr> <tr> <td></td> <td></td> <td></td> </tr> </table>					Extra Claims	Fee from below	Fee Paid	13	18	234	3	86	258			
Extra Claims	Fee from below	Fee Paid														
13	18	234														
3	86	258														
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description												
1202	18	2202	9	Claims in excess of 20												
1201	86	2201	43	Independent claims in excess of 3												
1203	290	2203	145	Multiple dependent claim, if not paid												
1204	86	2204	43	** Reissue independent claims over original patent												
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent												
SUBTOTAL (2)				(\$ 492.00)												

SUBMITTED BY		Complete (if applicable)			
Name (Print/Type)	John A. Castellano	Registration No. (Attorney/Agent)	35,094	Telephone	703-668-8000
Signature			Date	January 9, 2004	

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INFORMATION SHEET

Applicant(s): Jin Yong KIM and Sang Woon SUH
Application No: NEW
Filed: January 9, 2004
For: RECORDING MEDIUM WITH A LINKING AREA INCLUDING
ERROR CORRECTION CODE DATA THEREON AND APPARATUS
AND METHODS FOR FORMING, RECORDING, AND
REPRODUCING THE RECORDING MEDIUM

Priority Claimed Under 35 U.S.C. §119 and/or 120:

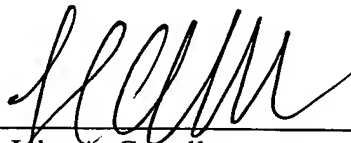
COUNTRY	DATE	NUMBER
Korea	6/5/2002	2002-037146
Korea	11/4/2002	2002-067955
Korea	11/4/2002	2002-067956
Korea	12/5/2002	2002-077093
Korea	12/5/2002	2002-077094
Korea	12/13/2002	2002-079818
Korea	12/13/2002	2002-079819
Korea	1/11/2003	2003-001858
WIPO	6/4/2003	PCT/KR03/01096

Send correspondence to : HARNESS, DICKEY & PIERCE, P.L.C.
P.O. Box 8910
Reston, VA 20195
(703) 668-8000

The above information is submitted to advise the United States Patent and Trademark Office of all relevant facts in connection with the present application. A timely executed Declaration in accordance with 37 CFR 1.64 will follow.

Respectfully submitted,

By



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JAC/cah